		Flight-Testing Newto	on's Laws
		2007 Mathema	
	Next	t Generation Sunshine	
Florida Mathematics			
Grades 9-12 (Algebra	1)		
Activity/Lesson	State	Standards	
-		MA.9-	
		12.MA.912.A.2.	Solve real-world problems involving relations
Session-10 (1-5)	FL	13	and functions.
		MA.9-	
		12.MA.912.A.3.	
Session-10 (1-5)	FL	3	Solve literal equations for a specified variable.
		MA.9-	Symbolically represent and solve multi-step and
		12.MA.912.A.3.	real-world applications that involve linear
Session-10 (1-5)	FL	5	equations and inequalities.
		MA.9-	
		12.MA.912.A.3.	Solve and graph the solutions of absolute value
Session-10 (1-5)	FL	6	equations and inequalities with one variable.
		MA.9-	
		12.MA.912.A.3.	
Session-9 (1-7)	FL	3	Solve literal equations for a specified variable.
		MA.9-	Symbolically represent and solve multi-step and
		12.MA.912.A.3.	real-world applications that involve linear
Session-9 (1-7)	FL	5	equations and inequalities.
		MA.9-	Solve real-world problems involving systems of
0 0 (4.7)	F1	12.MA.912.A.3.	linear equations and inequalities in two and
Session-9 (1-7)	FL	15	three variables.
		MA.9-	Solve real-world problems involving rational
Secsion 0 (1.7)	FL	12.MA.912.A.5. 7	equations (mixture, distance, work, interest, and
Session-9 (1-7)		MA.9-	ratio).
		12.MA.912.A.7.	Use quadratic equations to solve real-world
Session-9 (1-7)	FL	8	problems.
36331011-9 (1-1)	L	0	problems.
		Flight-Testing Newto	nn's Laws
		2007 Mathema	
	Next	t Generation Sunshine	
Florida Mathematics	ITOX	. Jones and a deligible	
Grades 9-12 (Calculu	s)		
Activity/Lesson	State	Standards	
,		MA.9-	
		12.MA.912.C.3.	Find the velocity and acceleration of a particle
Session-1 (1-17)	FL	10	moving in a straight line.
,			Find specific antiderivatives using initial
			conditions, including finding velocity functions
		MA.9-	from acceleration functions, finding position
		12.MA.912.C.5.	functions from velocity functions, and solving
Session-1 (1-17)	FL	1	applications related to motion along a line.

			Find average and instantaneous rates of
			Find average and instantaneous rates of
			change. Understand the instantaneous rate of
		N4A O	change as the limit of the average rate of
		MA.9-	change. Interpret a derivative as a rate of
0 : 0 (4.0)	E		change in applications, including velocity, speed,
Session-3 (1-6)	FL	9	and acceleration.
		MA.9-	
0 . 0 (4.0)		12.MA.912.C.3.	Find the velocity and acceleration of a particle
Session-3 (1-6)	FL	10	moving in a straight line.
			Find specific antiderivatives using initial
			conditions, including finding velocity functions
		MA.9-	from acceleration functions, finding position
		12.MA.912.C.5.	functions from velocity functions, and solving
Session-3 (1-6)	FL	1	applications related to motion along a line.
		MA.9-	Solve real-world problems using measures of
			circumference, arc length, and areas of circles
Session-9 (1-7)	FL	5	and sectors.
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	ı ilgi	2007 Mathemat	
	Next Gener	ration Sunshine S	
Florida Mathematics			
Grades 9-12 (Trigono	metry)		
Activity/Lesson	State	Standards	
			Solve real-world problems involving applications
		MA.9-	of trigonometric functions using graphing
Session-10 (1-5)	FL	12.MA.912.T.1.8	technology when appropriate.
		MA.9-	Apply the laws of sines and cosines to solve real-
Session-1 (1-17)	FL	12.MA.912.T.2.3	world problems using technology.
			Solve trigonometric equations and real-world
		MA.9-	problems involving applications of trigonometric
	FL		equations using technology when appropriate.